

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claims 1-12 (Canceled)

13. (Currently Amended) A flexible cable with an abrasion resistant sheath made of thermoplastic material, particularly a drag chain cable or a robot cable, wherein the sheath comprises:

an inner extruded plastic layer (2);

a metal braided shield (5);

a separation layer of a non-woven material or a plastic foil (6) surrounding said metal braided shield;

a braiding (3) ~~over and adhering to said inner plastic layer (2)~~surrounding said separation layer with a visual coverage of 40 % to 70 %, the braiding (3) consisting of monofilaments, said monofilaments comprising a plurality of filaments of a material which is chemically and thermally stable; and

an outer plastic layer (4) over said braiding and applied by pressure extrusion, such that the spaces in the braiding (3) are nearly filled by the material of the outer plastic layer (4),

wherein the ~~filaments are monofilaments~~, the diameter of ~~which~~ said monofilaments is between 0.15 and 0.25 mm, and the monofilaments contain a flame-proofing agent.

14. (Previously Presented) A flexible cable as claimed in claim 13, wherein said monofilaments are made of polyamide, preferably polyamide 6.

15. (Previously Presented) A flexible cable as claimed in claim 13, wherein the monofilaments made of polyethersulfone.

16. (Canceled)

17. (Currently Amended) A flexible cable as claimed in claim ~~16~~13, wherein the non-woven material or the plastic foil (6) is coated with a powder that swells in the presence of moisture.

18. (Previously Presented) A flexible cable as claimed in claim 13, said cable including a plurality of wires embedded in an inner sheath.

19. (Previously Presented) A flexible cable as claimed claim 1, wherein said visual coverage is between 50% and 65%.

Amendment Under 37 C.F.R. § 1.111
USSN 10/800,764

20. (Previously Presented) A flexible cable as claimed in claim 13, wherein the jacket is made of at least one material selected from the group consisting of polyurethane, polyvinylchloride or a thermoplastic elastomer.